

# Dexmedesed®

(dexmedetomidine hydrochloride)  
Sterile Injectable Solution

## SAME PRODUCT, NEW NAME, NEW LABEL.

- Putney's Dexmedetomidine Hydrochloride is now available as Dexmedesed from Dechra. It is the same product with a new name and new label.
- Dexmedesed is indicated for use as a sedative and analgesic in dogs and cats to facilitate clinical examinations, clinical procedures, minor surgical procedures, and minor dental procedures. Dexmedesed is also indicated for use as a preanesthetic to general anesthesia in dogs and cats.
- Therapeutically equivalent to the pioneer drug so you can expect the same safety and efficacy.
- Backed by the Veterinary Technical Services and Sales Support Teams of Dechra.
- Available as a 0.5 mg/mL solution in 10 mL vials.



OLD LABEL



NEW LABEL

## PUTNEY IS NOW PART OF DECHRA VETERINARY PRODUCTS



To order the NEW Dechra Dexmedesed (dexmedetomidine hydrochloride) please contact your Dechra or distributor representative or call (866) 683-0660. If you are ordering online from your distributor, order it by name now: Dexmedesed.

24-hour Veterinary Technical Support available (866) 933-2472. Nonurgent Technical Support available via email [support@dechra.com](mailto:support@dechra.com).

**Important Safety Information:** As with all drugs, side effects may occur. Do not use Dexmedesed in dogs or cats with cardiovascular disease, respiratory disorders, liver or kidney diseases, or in conditions of shock, severe debilitation, or stress due to extreme heat, cold or fatigue. As with all  $\alpha_2$ -adrenoreceptor agonists, the potential for isolated cases of hypersensitivity, including excitation exists. The following adverse reactions have been reported: death, cardiac arrest, bradycardia, apnea and vomiting. The use of Dexmedesed as a preanesthetic in dogs and cats significantly reduces the amount of induction and maintenance anesthetic requirements. In cats, severe dyspnea and respiratory crackles diagnosed as acute pulmonary edema could develop. Refer to the prescribing information for complete details or visit [www.dechra-us.com](http://www.dechra-us.com).

ANADA 200-573, Approved by FDA  
CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.  
Dechra is a registered trademark of Dechra Pharmaceuticals PLC.

07PG-DEX50062-0817

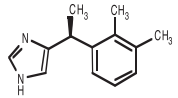


# Dexmedetomidine® (dexmedetomidine hydrochloride)

## Sterile Injectable Solution-0.5 mg/mL

### For Intramuscular and Intravenous Use in Dogs and For Intramuscular Use in Cats

#### Sedative, Analgesic, Preanesthetic



Each mL of dexmedetomidine contains 0.5 mg dexmedetomidine hydrochloride, 1.6 mg methylparaben (N<sub>1</sub>), 0.2 mg propylparaben (N<sub>2</sub>), 9.0 mg sodium chloride (NS), and water for injection (USP, 5.5).

**INDICATIONS:** Dexmedetomidine is indicated for use as a sedative and analgesic in dental procedures and for cats to facilitate clinical procedures, clinical procedures, minor oral dental procedures. Dexmedetomidine is also indicated for use as a preanesthetic for general anesthesia in dogs and cats.

**DOSE AND ADMINISTRATION:**  
**Dogs: Sedation and Analgesia- 500 mcg/m<sup>2</sup> intramuscular (IM) or 375 mcg/m<sup>2</sup> intravenously (IV).**  
**Preanesthesia: 125 or 375 mcg/m<sup>2</sup>.**  
The choice of preanesthetic dose depends on the duration and severity of the procedure, as well as the anesthetic regime. The following two tables may be used to determine the correct dexmedetomidine hydrochloride dosage. **Note that the 100 mcg/kg dosage decreases body weight increases.** For dogs weighing 2 kg or more, the dosage is based on the total body weight of dexmedetomidine hydrochloride (1X compared to dogs weighing 80 kg that are dosed at 8.7 mcg/kg). Due to the small volume of administration, accurate dosing is not possible in dogs weighing less than 2 kg (4.4 lb).

TABLE 1: CANINE SEDATION/ANALGESIA DOSE TABLE:					TABLE 2: CANINE PREANESTHESIA DOSE TABLE:				
Intramuscular (IM) dosing on the basis of body weight					Intramuscular (IM) dosing on the basis of body weight				
Dexmedetomidine (0.5 mg/mL)					Dexmedetomidine (0.5 mg/mL)				
Dog lbs	Dog kg	Dog mcg/m <sup>2</sup>	Dog mL	Dog mL	Dog lbs	Dog kg	Dog mcg/m <sup>2</sup>	Dog mL	Dog mL
4.4-7.7	2.0-3.5	28.1	0.12	0.09	4.4-7.7	2.0-3.5	9.4	0.04	0.03
7.7-11.0	3.5-5.0	37.4	0.15	0.11	7.7-11.0	3.5-5.0	12.5	0.05	0.04
11.0-15.4	5.0-7.0	46.7	0.19	0.14	11.0-15.4	5.0-7.0	16.7	0.07	0.05
15.4-20.8	7.0-9.3	56.0	0.23	0.17	15.4-20.8	7.0-9.3	21.9	0.08	0.06
20.8-25.2	9.3-11.6	65.3	0.26	0.19	20.8-25.2	9.3-11.6	27.1	0.10	0.07
25.2-30.6	11.6-13.9	74.6	0.30	0.22	25.2-30.6	11.6-13.9	32.3	0.12	0.09
30.6-35.0	13.9-16.3	83.9	0.33	0.25	30.6-35.0	13.9-16.3	37.5	0.14	0.10
35.0-40.4	16.3-18.7	93.2	0.37	0.27	35.0-40.4	16.3-18.7	42.7	0.16	0.12
40.4-45.8	18.7-21.1	102.5	0.40	0.29	40.4-45.8	18.7-21.1	47.9	0.18	0.13
45.8-51.2	21.1-23.4	111.8	0.44	0.31	45.8-51.2	21.1-23.4	53.1	0.20	0.15
51.2-56.6	23.4-25.7	121.1	0.47	0.33	51.2-56.6	23.4-25.7	58.4	0.22	0.16
56.6-61.0	25.7-28.0	130.4	0.50	0.35	56.6-61.0	25.7-28.0	63.6	0.24	0.18
61.0-65.4	28.0-30.3	139.7	0.54	0.37	61.0-65.4	28.0-30.3	68.9	0.26	0.19
65.4-70.8	30.3-32.6	149.0	0.57	0.39	65.4-70.8	30.3-32.6	74.1	0.28	0.21
70.8-75.2	32.6-34.9	158.3	0.61	0.41	70.8-75.2	32.6-34.9	79.4	0.30	0.22
75.2-80.6	34.9-37.2	167.6	0.64	0.43	75.2-80.6	34.9-37.2	84.6	0.32	0.24
80.6-85.0	37.2-39.5	176.9	0.68	0.45	80.6-85.0	37.2-39.5	89.9	0.34	0.25
85.0-90.4	39.5-41.8	186.2	0.71	0.47	85.0-90.4	39.5-41.8	95.1	0.36	0.27
90.4-95.8	41.8-44.1	195.5	0.75	0.49	90.4-95.8	41.8-44.1	100.4	0.38	0.28
95.8-100.2	44.1-46.4	204.8	0.78	0.51	95.8-100.2	44.1-46.4	105.6	0.40	0.30
100.2-105.6	46.4-48.7	214.1	0.82	0.53	100.2-105.6	46.4-48.7	110.9	0.42	0.31
105.6-110.0	48.7-51.0	223.4	0.85	0.55	105.6-110.0	48.7-51.0	116.1	0.44	0.33
110.0-115.4	51.0-53.3	232.7	0.89	0.57	110.0-115.4	51.0-53.3	121.4	0.46	0.34
115.4-120.8	53.3-55.6	242.0	0.92	0.59	115.4-120.8	53.3-55.6	126.6	0.48	0.36
120.8-125.2	55.6-57.9	251.3	0.96	0.61	120.8-125.2	55.6-57.9	131.9	0.50	0.37
125.2-130.6	57.9-60.2	260.6	0.99	0.63	125.2-130.6	57.9-60.2	137.1	0.52	0.39
130.6-135.0	60.2-62.5	270.0	1.03	0.65	130.6-135.0	60.2-62.5	142.4	0.54	0.41
135.0-140.4	62.5-64.8	279.3	1.06	0.67	135.0-140.4	62.5-64.8	147.6	0.56	0.43
140.4-145.8	64.8-67.1	288.7	1.10	0.69	140.4-145.8	64.8-67.1	152.9	0.58	0.45
145.8-151.2	67.1-69.4	298.0	1.13	0.71	145.8-151.2	67.1-69.4	158.1	0.60	0.47
151.2-156.6	69.4-71.7	307.4	1.17	0.73	151.2-156.6	69.4-71.7	163.4	0.62	0.49
156.6-161.0	71.7-74.0	316.7	1.20	0.75	156.6-161.0	71.7-74.0	168.6	0.64	0.51
161.0-166.4	74.0-76.3	326.1	1.24	0.77	161.0-166.4	74.0-76.3	173.9	0.66	0.53
166.4-171.8	76.3-78.6	335.4	1.27	0.79	166.4-171.8	76.3-78.6	179.1	0.68	0.55
171.8-177.2	78.6-80.9	344.8	1.31	0.81	171.8-177.2	78.6-80.9	184.4	0.70	0.57
177.2-182.6	80.9-83.2	354.1	1.34	0.83	177.2-182.6	80.9-83.2	189.6	0.72	0.59
182.6-188.0	83.2-85.5	363.5	1.38	0.85	182.6-188.0	83.2-85.5	194.9	0.74	0.61
188.0-193.4	85.5-87.8	372.8	1.41	0.87	188.0-193.4	85.5-87.8	200.1	0.76	0.63
193.4-198.8	87.8-90.1	382.2	1.45	0.89	193.4-198.8	87.8-90.1	205.4	0.78	0.65
198.8-204.2	90.1-92.4	391.5	1.48	0.91	198.8-204.2	90.1-92.4	210.6	0.80	0.67
204.2-209.6	92.4-94.7	400.9	1.52	0.93	204.2-209.6	92.4-94.7	215.9	0.82	0.69
209.6-215.0	94.7-97.0	410.2	1.55	0.95	209.6-215.0	94.7-97.0	221.1	0.84	0.71
215.0-220.4	97.0-99.3	419.6	1.59	0.97	215.0-220.4	97.0-99.3	226.4	0.86	0.73
220.4-225.8	99.3-101.6	428.9	1.62	0.99	220.4-225.8	99.3-101.6	231.6	0.88	0.75
225.8-231.2	101.6-103.9	438.3	1.66	1.01	225.8-231.2	101.6-103.9	236.9	0.90	0.77
231.2-236.6	103.9-106.2	447.6	1.69	1.03	231.2-236.6	103.9-106.2	242.1	0.92	0.79
236.6-242.0	106.2-108.5	457.0	1.73	1.05	236.6-242.0	106.2-108.5	247.4	0.94	0.81
242.0-247.4	108.5-110.8	466.3	1.76	1.07	242.0-247.4	108.5-110.8	252.6	0.96	0.83
247.4-252.8	110.8-113.1	475.7	1.80	1.09	247.4-252.8	110.8-113.1	257.9	0.98	0.85
252.8-258.2	113.1-115.4	485.0	1.83	1.11	252.8-258.2	113.1-115.4	263.1	1.00	0.87
258.2-263.6	115.4-117.7	494.4	1.87	1.13	258.2-263.6	115.4-117.7	268.4	1.02	0.89
263.6-269.0	117.7-120.0	503.7	1.90	1.15	263.6-269.0	117.7-120.0	273.6	1.04	0.91
269.0-274.4	120.0-122.3	513.1	1.94	1.17	269.0-274.4	120.0-122.3	278.9	1.06	0.93
274.4-279.8	122.3-124.6	522.4	1.97	1.19	274.4-279.8	122.3-124.6	284.1	1.08	0.95
279.8-285.2	124.6-126.9	531.8	2.01	1.21	279.8-285.2	124.6-126.9	289.4	1.10	0.97
285.2-290.6	126.9-129.2	541.1	2.04	1.23	285.2-290.6	126.9-129.2	294.6	1.12	0.99
290.6-296.0	129.2-131.5	550.5	2.08	1.25	290.6-296.0	129.2-131.5	299.9	1.14	1.01
296.0-301.4	131.5-133.8	560.0	2.11	1.27	296.0-301.4	131.5-133.8	305.1	1.16	1.03
301.4-306.8	133.8-136.1	569.4	2.15	1.29	301.4-306.8	133.8-136.1	310.4	1.18	1.05
306.8-312.2	136.1-138.4	578.8	2.18	1.31	306.8-312.2	136.1-138.4	315.6	1.20	1.07
312.2-317.6	138.4-140.7	588.2	2.22	1.33	312.2-317.6	138.4-140.7	320.9	1.22	1.09
317.6-323.0	140.7-143.0	597.6	2.25	1.35	317.6-323.0	140.7-143.0	326.1	1.24	1.11
323.0-328.4	143.0-145.3	607.0	2.29	1.37	323.0-328.4	143.0-145.3	331.4	1.26	1.13
328.4-333.8	145.3-147.6	616.4	2.32	1.39	328.4-333.8	145.3-147.6	336.6	1.28	1.15
333.8-339.2	147.6-149.9	625.8	2.36	1.41	333.8-339.2	147.6-149.9	341.9	1.30	1.17
339.2-344.6	149.9-152.2	635.2	2.39	1.43	339.2-344.6	149.9-152.2	347.1	1.32	1.19
344.6-350.0	152.2-154.5	644.6	2.43	1.45	344.6-350.0	152.2-154.5	352.4	1.34	1.21
350.0-355.4	154.5-156.8	654.0	2.46	1.47	350.0-355.4	154.5-156.8	357.6	1.36	1.23
355.4-360.8	156.8-159.1	663.4	2.50	1.49	355.4-360.8	156.8-159.1	362.9	1.38	1.25
360.8-366.2	159.1-161.4	672.8	2.53	1.51	360.8-366.2	159.1-161.4	368.1	1.40	1.27
366.2-371.6	161.4-163.7	682.2	2.57	1.53	366.2-371.6	161.4-163.7	373.4	1.42	1.29
371.6-377.0	163.7-166.0	691.6	2.60	1.55	371.6-377.0	163.7-166.0	378.6	1.44	1.31
377.0-382.4	166.0-168.3	701.0	2.64	1.57	377.0-382.4	166.0-168.3	383.9	1.46	1.33
382.4-387.8	168.3-170.6	710.4	2.67	1.59	382.4-387.8	168.3-170.6	389.1	1.48	1.35
387.8-393.2	170.6-172.9	720.0	2.71	1.61	387.8-393.2	170.6-172.9	394.4	1.50	1.37
393.2-398.6	172.9-175.2	729.4	2.74	1.63	393.2-398.6	172.9-175.2	399.6	1.52	1.39
398.6-404.0	175.2-177.5	738.8	2.78	1.65	398.6-404.0	175.2-177.5	404.9	1.54	1.41
404.0-409.4	177.5-179.8	748.2	2.81	1.67	404.0-409.4	177.5-179.8	410.1	1.56	1.43
409.4-414.8	179.8-182.1	757.6	2.85	1.69	409.4-414.8	179.8-182.1	415.4	1.58	1.45
414.8-420.2	182.1-184.4	767.0	2.88	1.71	414.8-420.2	182.1-184.4	420.6	1.60	1.47
420.2-425.6	184.4-186.7	776.4	2.92	1.73	420.2-425.6	184.4-186.7	425.9	1.62	1.49
425.6-431.0	186.7-189.0	785.8	2.95	1.75	425.6-431.0	186.7-189.0	431.1	1.64	1.51
431.0-436.4	189.0-191.3	795.2	2.99	1.77	431.0-436.4	189.0-191.3	436.4	1.66	1.53
436.4-441.8	191.3-193.6	804.6	3.02	1.79	436.4-441.8	191.3-193.6	441.6	1.68	1.55
441.8-447.2	193.6-195.9	814.0	3.06	1.81	441.8-447.2	193.6-195.9	446.9	1.70	1.57
447.2-452.6	195.								